



Sustainable Building Materials in Construction Engineering

Guest Editors:

Dr. Aydin Shishegaran

School of Civil Engineering,
Bauhaus University Weimar,
Marienstrasse 15, 99423 Weimar,
Germany

Prof. Dr. Mohsen Saeedi

MSE Department, University
Canada West, 1461, Granville St.
Vancouver, BC V6Z 0E5, Canada

Deadline for manuscript
submissions:

5 October 2024

Message from the Guest Editors

Dear Colleagues,

Today, sustainable development is an essential topic for both developed and developing countries; thus, to achieve sustainable development, politicians and decision makers must first follow sustainable construction. One of the avenues that can be used to achieve sustainable construction is the use of sustainable materials.

This Special Issue focuses on, but is not limited to, research on the following topics:

- Sustainability evaluation of building materials for use in building and other construction projects, such as conductive concrete in roads and highways.
- Sustainable evaluation with which to design and develop industrial buildings.
- Finding novel knowledge in social and technical indicators of building materials for sustainability evaluation.
- The mechanical and environmental features of building materials, especially for recycled building materials.
- The effect of reusing waste on the environmental and physical behavior of building materials.
- Environmental evaluation of building materials.
- Optimizing the use of raw materials and energy in material production.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE](#) and [SSCI \(Web of Science\)](#), [GEOBASE](#), [GeoRef](#), [Inspec](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (*Geography, Planning and Development*)

Contact Us

Sustainability Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](#)